A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H03H17/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (dassification system followed by classification symbols) IPC 7 H03H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to daim No.		
A	DE 44 02 632 A (ANT NACHRICHTENTECH) 3 August 1995 (1995-08-03) the whole document	1,9		
	NGUYEN T Q ET AL: "STRUCTURES FOR M-CHANNEL PERFECT-RECONSTRUCTION FIR QMF BANKS WHICHYIELD LINEAR-PHASE ANALYSIS FILTERS" IEEE TRANSACTIONS ON ACOUSTICS, SPEECH AND SIGNAL PROCESSING, IEEE INC. NEW YORK, US, vol. 38, no. 3, 1 March 1990 (1990-03-01), pages 433-446, XPO00116523 ISSN: 0096-3518 the whole document -/	1,9		

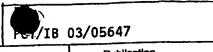
X Further documents are listed in the continuation of box C.	Patent family mambers are listed in annex.		
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the International filling date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filling date but later than the priority date claimed	"I" later document published after the International filing date or priority date and not in conflict with the application but died to understand the principle or theory underlying the invention. "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone. "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person sidiled in the art. "8" document member of the same patent family		
Date of the actual completion of the international search	Date of mailing of the international search report		
10 February 2004	16/04/2004		
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk	Authorized officer		
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Lecoutre, R		



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